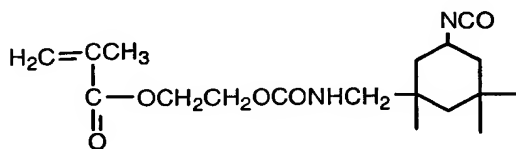


WHAT IS CLAIMED IS:

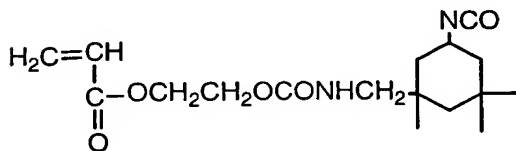
1. A water- and oil-repellent composition which comprises (A) the following polymer, (B) an aqueous medium and (C) a surfactant in a mass ratio of

5 (A)/(B)/(C)=100/100-500/1-10:

Polymer (A): a copolymer containing (1) a polymerization unit based on a (meth)acrylate having a polyfluoroalkyl group, (2) a polymerization unit based on an alkyl(meth)acrylate having a C<sub>1</sub>-C<sub>12</sub> alkyl group, (3) a  
 10 polymerization unit based on an alkyl(meth)acrylate having a C<sub>16</sub>-C<sub>22</sub> alkyl group, and (4) a polymerization unit based on at least one compound selected from the group consisting of 2-isocyanate ethyl methacrylate, 1,3,3-trimethyl-4-isocyanate cyclohexylmethoxymethyl  
 15 methacrylate of the following formula 1 and 1,3,3-trimethyl-4-isocyanate cyclohexylmethoxymethyl acrylate of the following formula 2, the isocyanate group of which is blocked:



Formula 1



Formula 2.

20 2. The water- and oil-repellent composition according to Claim 1, wherein the water- and oil-repellent composition does not contain a polymer containing a

polymerization unit having an organic halogen atom (except for a fluorine atom) and/or an organic halogen compound (except for an organic fluorine compound).

3. The water- and oil-repellent composition according to Claim 1, wherein the aqueous medium (B) is water or a mixed solvent of water and at least one solvent selected from the group consisting of propylene glycol, dipropylene glycol and tripropylene glycol.

4. The water- and oil-repellent composition according to Claim 1, wherein the surfactant (C) is a combination of a nonionic surfactant and a cationic surfactant.

5. The water- and oil-repellent composition according to Claim 4, wherein the nonionic surfactant is the following surfactant  $c^1$ ,

15        surfactant  $c^1$ : polyoxyalkylene monoalkyl ether, polyoxyalkylene monoalkenyl ether or polyoxyalkylene monoalkapolyenyl ether.

6. The water- and oil-repellent composition according to Claim 4, wherein the nonionic surfactant contains the above surfactant  $c^1$ , the following surfactant  $c^2$  and/or the following surfactant  $c^3$ ,

      surfactant  $c^2$ : a nonionic surfactant comprising a compound having at least one carbon-carbon triple bond and at least one hydroxyl group in a molecule, and/or

25        surfactant  $c^3$ : a nonionic surfactant comprising a compound having a connection of a polyoxyethylene chain having at least two oxyethylene chains continuously

connected and a chain having at least two oxyalkylene chains of at least 3 carbon atoms continuously connected, and having hydroxyl groups on both terminals.

7. The water- and oil-repellent composition according to Claim 4, wherein the cationic surfactant is a compound expressed by the following formula C<sup>71</sup>.



Formula C<sup>71</sup>

wherein R<sup>21</sup> is a hydrogen atom, a C<sub>1</sub>-C<sub>22</sub> alkyl group, a C<sub>2</sub>-C<sub>22</sub> alkenyl group or a polyoxyalkylene chain having a hydroxyl group at the terminal, and four R<sup>21</sup> may be the same or different, but at least one of R<sup>21</sup> is an alkyl group, and X<sup>-</sup> is a pair ion.

8. The water- and oil-repellent composition according to Claim 1, wherein the (meth)acrylate having a polyfluoroalkyl group (1) in the polymer (A) is a compound expressed by R<sup>f</sup>-Q-OCOCR=CH<sub>2</sub> (R<sup>f</sup> is a C<sub>2</sub>-C<sub>20</sub> polyfluoroalkyl group and Q is a divalent organic group).

9. The water- and oil-repellent composition according to Claim 1, wherein the compound used for blocking the isocyanate group of (4) in the polymer (A) is 2-butanone oxime, 3-methylpyrazole or 3,5-dimethylpyrazole.

10. The water- and oil-repellent composition according to Claim 1, wherein the polymer (A) is prepared by emulsion polymerization method.